



Substitute for form 1449/PTO and PTO/SB/08

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/666,231
Filing Date	18 September 2003
First Named Inventor	HAY, Stuart Gifford et al.
Art Unit	2821
Examiner Name	Not yet assigned Nguyen, H.
Attorney Docket No	10554/3

Sheet 1 of 4

US PATENT DOCUMENTS

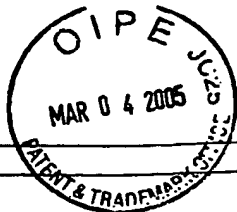
Examiner Initials	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
HN		US-4,298,877	11-03-1981	Sletten, C.J.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

Examiner Signature		Date Considered	3/21/05
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NON PATENT LITERATURE DOCUMENTS

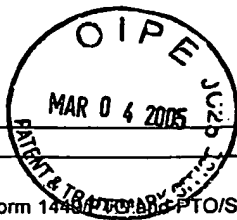
Examiner Initials *	Cite No ¹	Include name of Author (in CAPITALS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HN		HAY, S.G., "Subreflector shaping to improve the multiple-beam performance of Cassegrain antennas", Electronics Letters, 1987, vol. 23, no. 15, pp. 789-791.	
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		CLARRICOATS, P.J.B. and OLVER, A.D., "Corrugated horns for microwave antennas", Peter Peregrinus Ltd, London, 1984.	
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		GRANET, C., and BIRD, T.S., "Optimization of corrugated horn radiation patterns via a spline-profile", ANTEM 2002, 9 th International Symposium on Antenna Technology and Applied Electromagnetics, Montreal, Canada, 2002, pp 307-310.	
		HAY, S.G., "Program DRASYS", Esoft, CSIRO Division of Radiophysics, 1992, Australia.	
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HN		WOOD, P.J., "Reflector antenna analysis and design", Peter Peregrinus Ltd, London, 1980, pp. 86-93.	

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No ¹	Include name of Author (in CAPITALS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HN		CLARRICOATS, P.J.B. and POULTON, G.T., "High efficiency microwave reflector antennas - A review", Proceedings of the IEEE, 1977, vol. 65, pp. 1470-1504.	
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		WEATHERBURN, C.E., "Differential geometry of three dimensions", Cambridge University Press, 1961.	
		RAHMAT-SAMII Y ET AL: "Modern antenna design concepts for satellite and personal communications". AEROSPACE APPLICATIONS CONFERENCE, 1994. PROCEEDINGS., 1994 IEEE, VAIL, CO, USA 5-12 FEB. 1994, NEW YORK, NY, USA, IEEE, 5 February 1994 (1994-02-05), pages 343-353, XP010120969, ISBN: 0-7803-1831-5 * page 343 - page 345 *	
		"Manual for POS: Physical optics single reflector shaping program". February 1991 (1991-02), TICRA ENGINEERING CONSULTANTS, COPENHAGEN, DENMARK, XP002274567, * paragraphs [4.1.4], [4.1.5] *	
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HN		AOKI K ET AL: "Design method for offset shaped dual-reflector antenna with an elliptical aperture of low cross-polarisation characteristics". IEE PROCEEDINGS: MICROWAVES, ANTENNAS AND PROPAGATION, IEE, STEVENAGE, HERTS, GB, vol. 146, no. 1, 9 February 1999 (1999-02-09), pages 60-64, XP006013532. ISSN: 1350-2417. section 3; * figure 3 *.	

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